

2184
Patent
700693-4012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

David G. Scott, et al.

Application No.: 10/040,122

Filed: January 2, 2002

For: METHOD FOR IDENTIFYING TEST
POINTS TO OPTIMIZE THE TESTING OF
INTEGRATED CIRCUITS USING A
GENETIC ALGORITHM

) Group Art Unit: 2184

) Examiner: Unknown

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TRANSMITTAL LETTER

Assistant Commissioner
For Patents
Washington, D.C. 20231

Sir:

Enclosed for filing in the above-identified application is the following:

1. **DOCUMENT ENCLOSED:**

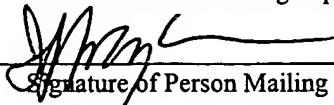
Revocation of Power of Attorney, Power of Attorney, and Statement Under CFR
3.73(b).

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Jeffrey A. Miller

Name of Person Mailing Paper



Signature of Person Mailing Paper

January 23, 2003

Date of Deposit

DOCSSV1:219134.1

700693-2 R1H

Although applicant believes no fee is required, the Commissioner is authorized to charge
Deposit Account No. 15-0665 for any fees that may be associated with this communication.

Respectfully submitted,

Orrick, Herrington & Sutcliffe LLP

Dated: January 23, 2003

By: 

Jeffrey A. Miller
Reg. No. 35,287

4 Park Plaza Suite 1600
Irvine, California 92614-2558
(650) 614-7400



#4/Revoc
Agent/here
2/3/03

**REVOCATION OF POWER OF
ATTORNEY, POWER OF ATTORNEY,
AND STATEMENT UNDER 37 CFR
3.73(b)**

Application Number	10/040/122
Filing Date	January 2, 2002
First Named Inventor	David G. Scott, et al.
Group Art Unit	2184
Examiner Name	Unknown
Attorney Docket Number	700693-4012

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application.

I hereby appoint the practitioners at
Customer Number

34313




34313
PATENT TRADEMARK OFFICE

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to the above-mentioned Customer Number:

I am the Assignee of record of the entire interest. See 37 CFR 3.71.

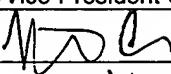
The following statement is made under 37 CFR 3.73(b):

Cadence Design Systems, Inc., a corporation, states that it is the assignee of the entire right, title, and interest in the above identified patent application/patent by virtue of an assignment from the inventor(s) of the patent application/patent identified above.

1. From David G. Scott and Faisal R. Khoja, TO: International Business Machines. The assignment was recorded in the United States Patent and Trademark Office. A copy thereof is attached as Exhibit 1.
2. From International Business Machines, TO: Cadence Design Systems, Inc. A copy of a document evidencing this assignment is being attached as Exhibit 2

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

SIGNATURE of Applicant or Assignee of Record

Name	Peter Chen/Vice President Of Intellectual Property, Assoc. General Counsel
Signature	
Date	1/16/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

DAVID G. SCOTT
FAISAL R. KHOJA

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address: _____

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	

Execution Date: 01-02-02, 01-02-02

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 1-02-02, 1-02-02

A. Patent Application No.(s) E1374493 7250 S

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE U.S. POSTAL SERVICE AS EXPRESS
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DATE OF DEPOSIT: 1/2/02

BY SIGNATURE & DATE: *Spencer D. Schnurmann* 1/2/02U.S. Patent & Trademark Office
P.O. Box 2327
Arlington, VA 22202RECEIVED
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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: H. DANIEL SCHNURMANN

Internal Address: ZIP 482

Street Address: 2070 ROUTE 52

City: HOPEWELL JUNCTION State: NY ZIP: 12533

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account

8. Deposit account number:

09-0458 FI-002

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

H. Daniel Schnurmann, Reg. No. 35,791

H. Daniel Schnurmann

Name of Person Signing

Signature

2

Date

Total number of pages including cover sheet, attachments, and document:

FIS9-2001-0396US1

ASSIGNMENT

Whereas, we

Inventor and City	(1) David G. Scott County of Broome	City of Endwell and State of New York
and	(2) Faisal R. Khoja County of Broome	City of Endicott and State of New York

have invented certain improvements in

Title

METHOD FOR IDENTIFYING TEST POINTS TO OPTIMIZE THE TESTING OF INTEGRATED CIRCUITS USING A GENETIC ALGORITHM

Dates That
Inventors
Signed the
Declaration

and have executed, respectively, a United States patent application therefor on
048
(1) January 2, 2002 -2001, and (2) JAN 02, 2002 -2004

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City
Date

(1) Signed at Endicott, New York
on January 2, 2002

David G. Scott
(David G. Scott) inventor
First Name Middle Initial Last Name

City
Date

(2) Signed at ENDICOTT, NY
on JAN 02, 2002

Faisal R. Khoja
(Faisal R. Khoja) inventor
First Name Middle Initial Last Name

JAN 29 2003

RECORDATION FORM COVER SHEET
OMB No. 0651-0011 (exp. 4/94)
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

International Business Machines

Additional name(s) of conveying party(ies) attached?

[] Yes [x] No

3. Nature of conveyance:

[x] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: December 19, 2002.

2. Name and address of receiving party:

Name: Cadence Design Systems, Inc.

Internal Address:

Street Address: 2655 Seely Avenue

City: San Jose State: California

ZIP: 95132

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/514,870; 09/661,879; 09/768,121; 09/681,602
09/972,000; 09/745,603; 09/697,362; 09/739,048; 09/878,554; 10/040,122; 09/444,781

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jeffrey A. Miller

Internal Address: Orrick, Herrington & Sutcliffe LLP

Street Address: 4 Park Plaza, Suite 1600

City: Irvine State: California ZIP: 92614

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 440.00

[] Enclosed Check No.

[X] Authorized to be charged to deposit account for any deficiency

8. Deposit account number: 15-0665

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey A. Miller, Reg. No. 35,287

Name of Person Signing

Signature

December 26, 2002

Date

Total number of pages including cover sheet, attachments, and document: [3]

Mail documents to be recorded with required cover sheet information to:
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PATENT ASSIGNMENT ACKNOWLEDGEMENT

This **PATENT ASSIGNMENT ACKNOWLEDGEMENT** (the "Acknowledgement") is executed as of the date below, by **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a New York corporation ("IBM").

WHEREAS, IBM has entered into an "Patent Assignment Agreement" (the "Agreement") with **CADENCE DESIGN SYSTEMS, INC.**, a Delaware corporation ("CADENCE"), dated September 27, 2002 ("Effective Date"), pursuant to which IBM has agreed to, among other things, assign to CADENCE certain United States patents.

WHEREAS, IBM and CADENCE wish to evidence the assignment of such patent rights made in the Agreement with this document.

NOW, THEREFORE, for good and valuable consideration, IBM agrees as follows:

ARTICLE I IBM PATENTS

"IBM Patents" shall mean the patent applications listed in Attachment A.

ARTICLE II ASSIGNMENTS

Effective on the Effective Date, and subject to the terms and conditions of the Agreement, including certain reserved rights, IBM has assigned, transferred and conveyed to CADENCE all of IBM's right, title and interest in the IBM Patents.

IN WITNESS WHEREOF, IBM has caused this Acknowledgement to be executed.

INTERNATIONAL BUSINESS MACHINES CORPORATION

By



Gerald Rosenthal
Vice President

Date: December 19, 2002

ATTACHMENT A TO IBM PATENT ASSIGNMENT ACKNOWLEDGEMENT

09/514870
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